

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

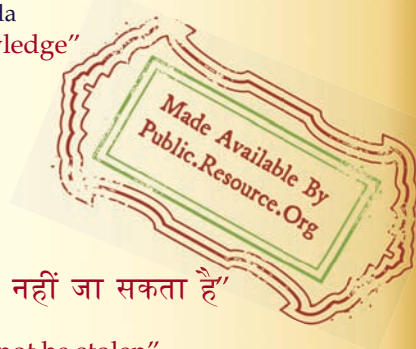
IS 8424 (1977): Gag, Mouth, Lane's Pattern [MHD 1: Surgical Instruments]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard

(Reaffirmed 1998)

SPECIFICATION FOR
GAG, MOUTH, LANE'S PATTERN

- 1. Scope** — Prescribes dimensional and other requirements for Lane's pattern mouth gag of small, medium and large sizes, used in plastic surgery.
- 2. Shape and Dimensions** — As shown in Fig. 1.

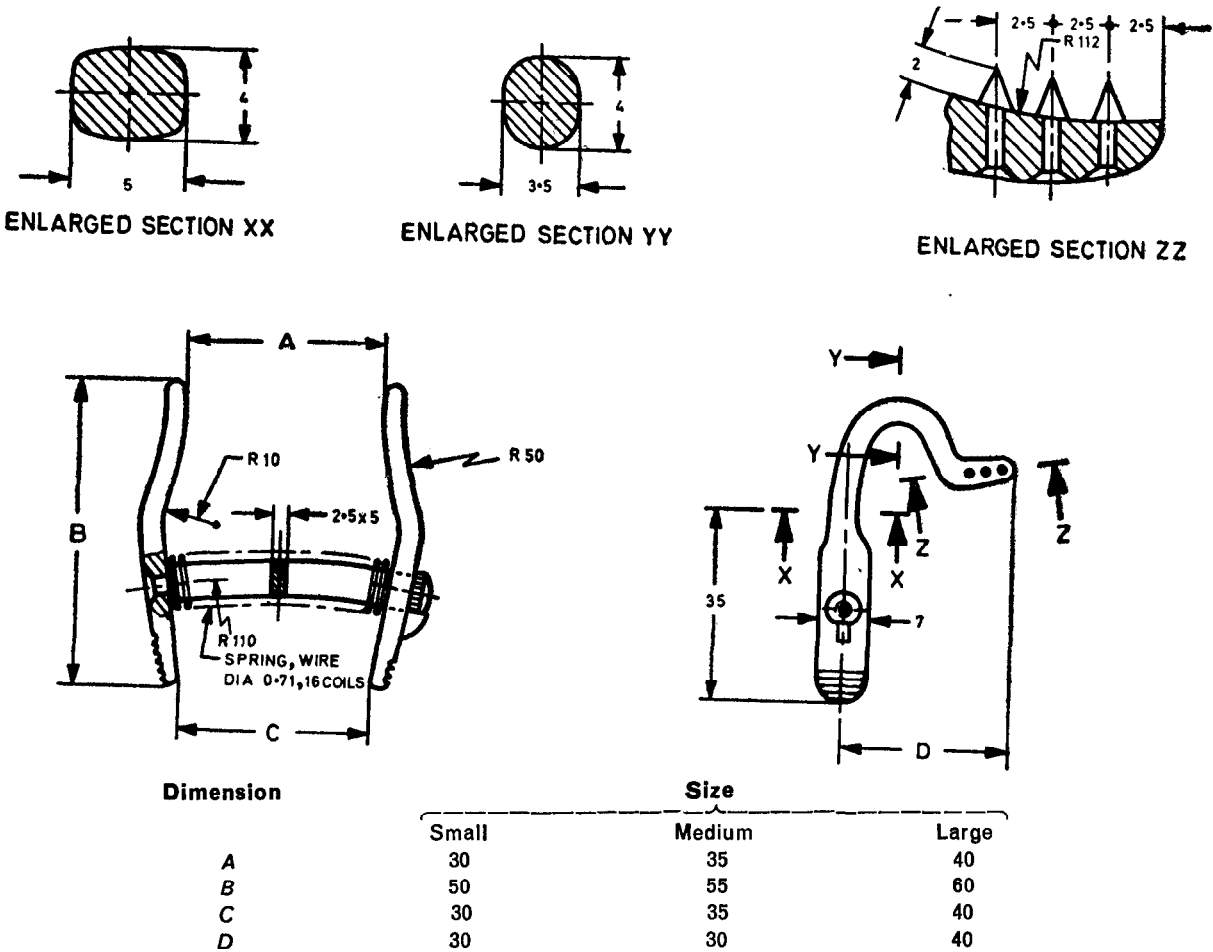


FIG. 1 GAG, MOUTH, LANE'S PATTERN

- 2.1** Deviation of ± 2.5 percent shall be allowed on all dimensions.
- 3. Material** — All components of mouth gag other than the spring shall be made of stainless steel conforming to designation 20Cr13 or 30Cr13 of IS : 6603-1972 ' Specification for stainless steel bars and flats '. The spring shall be made of stainless steel wire conforming to designation 30Cr13 or 40Cr13 of IS : 1570 (Part V)-1972 ' Schedules for wrought steels for general engineering purposes: Part V Stainless and heat-resisting steels (first revision) '.
- 4. Workmanship and Finish**
- 4.1** The gag shall be free from pits, burrs, cracks, scales and other surface defects.
- 4.2** All edges shall be rounded except the pointed projections in jaws.
- 4.3** The spring action shall be smooth.
- 4.4** The serrations shall be well formed and clean.

Adopted 15 April 1977

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Price

4.5 The gag shall be polished bright and passivated.

5. Heat Treatment — The gag shall be hardened and tempered to give a hardness of 380 to 430 *HV*. The spring shall be suitably hardened to give a minimum stiffness of 22 g/mm.

6. Tests

6.1 Soundness of Spring — Hold the fixed jaw in a suitable vice. Apply a compressive force of 25N at the other jaw in such a way that the force tends to bring the two jaws together. Apply the force for 5 minutes. At the end of the test, the jaw shall return to its original position without causing any permanent set to the spring. The movable jaw shall also be operated from its maximum to minimum position 500 times. It shall not take any permanent set after the test.

6.2 Corrosion Resistance — Test the gag in accordance with IS : 7531-1975 'Method for boiling and autoclaving test for corrosion resistance of stainless steel surgical instruments'. The gag shall show no sign of corrosion after the test.

7. Marking — The gag shall be clearly and indelibly marked with the following:

- a) Manufacturer's name, initials or recognized trade-mark;
- b) The words 'stainless steel' or letters 'SS'; and
- c) Size (medium, small or large).

7.1 ISI Certification Marking — Details available with the Indian Standards Institution.

8. Packing — As agreed to between the purchaser and the supplier.